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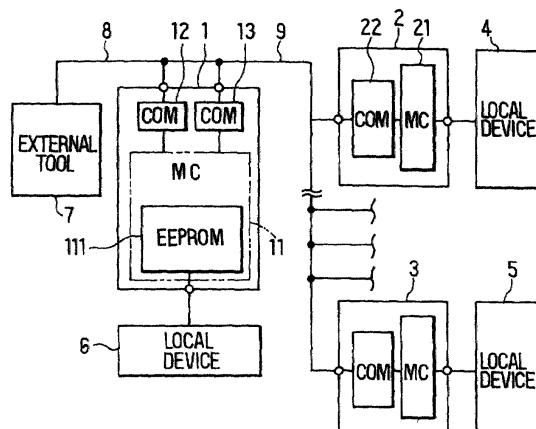
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### (54) Distributed processing type control system

(57) A relaying controller (1) communicates with an external tool (7) through a first communication path (8) based on a first communication protocol and communicates with sub-controllers (2, 3) through a second communication path (9) based on a second communication protocol, thus relaying communications between the external tool (7) and the sub-controllers (2, 3). The relaying controller (1) includes a rewritable non-volatile memory (111) having predetermined storage areas divided in correspondence with the sub-controllers (2, 3). The relaying controller (1) transmits, in response to a memory reading request from the sub-controller (2, 3), a stored data in the corresponding storage area to the sub-controller (2, 3) through the second communication path (9), and writes, in response to a memory writing request from the sub-controller (2, 3), a writing data received through the second communication path (9) in the corresponding storage area. That is, the relaying controller (1) executes accesses of the sub-controllers (2, 3) to the non-volatile memory (111).

FIG. 1



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DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
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			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
			G05B
<p>The present search report has been drawn up for all claims</p>			
Place of search	Date of completion of the search		Examiner
MUNICH	18 March 2002		Juenger, B
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document			
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**ANNEX TO THE EUROPEAN SEARCH REPORT  
ON EUROPEAN PATENT APPLICATION NO.**

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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.  
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